

Template for Evidence(s) UI GreenMetric Questionnaire

University : Gebze Technical University
Country : Türkiye
Web Address : www.gtu.edu.tr

[2] Energy and Climate Change (EC)

[2.8] ratio of renewable energy production divided by total energy usage per year



Solar Panels (Gebze Technical University, Türkiye)

Description:

No	Renewable Energy	Production (in kWh)
1	Solar panel	50.000
	Total	50.000

50000 / 7229796.26 (Electricity usage) = 0.006 %

The photos show the solar panels on the campus. GTU Technopark companies use these energy panels for a number of research initiatives. It produces 50,000 kilowatt-hours of electricity per year. The companies located in the Technopark use the energy produced for their projects, and the energy produced is not used as an alternative energy source for the campus' electricity needs. However, its use is being planned. On the other hand, it was noted that the renewable energy produced by the solar panels is 0.006% of the electricity used on campus. In this direction, the GTU plans to take various steps to increase this rate.